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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	10594825
Filing Date	2008-08-22
First Named Inventor	Wallace, Douglas C.
Art Unit	1634
Examiner Name	Goldberg, Jeanine A.
Attorney Docket Number	UCIVN-061US

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	1	WO 00/61819	WO	A	2000-10-19	Michikawa		☐
	2	JP 2004-298085	JP	A	2004-10-28	Masatsugu	See attached English Abstract	☐
	3	JP 2004-298086	JP	A	2004-10-28	Masatsugu	See attached English Abstract	☐

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	1	Wallace, D.C., "A mitochondrial paradigm of metabolic and degenerative diseases, aging and cancer: a dawn for evolutionary medicine", Annual Review of Genetics, Vol. 39, pp. 359-407 (2005) .	☐
	2	Wallace, D.C. et al., "Familial mitochondrial encephalomyopathy (MERRF): genetic pathophysiological, and biochemical characterization of a mitochondrial DNA disease", Cell, Vol. 55, No. 4, pp. 601-610, November 18, 1988.	☐
	3	Wallace, D.C. et al., "Mitochondrial DNA mutation associated with Leber's hereditary optic neuropathy", Science, Vol. 242, No. 4884, pp. 1427-1430, December 9, 1988 - Abstract.	☐
	4	Shoffner, J.M. et al., "Myoclonic epilepsy and ragged-red fiber disease (MERRF) is associated with a mitochondrial DNA tRNA (Lys) mutation", Cell, Vol. 61, No. 6, pp. 931-937, June 15, 1990.	☐
	5	Heddi, A. et al., "Mitochondrial DNA expression in mitochondrial myopathies and coordinated expression of nuclear genes involved in ATP production", Journal of Biological Chemistry, Vol. 268, No. 16, pp. 12156-12163, June 5, 1993.	☐
	6	Shoffner, J.M. et al, "Mitochondrial DNA Variants Observed in Alzheimer Disease and Parkinson Disease Patients", Genomics, Vol. 17, pp. 171, 184 (1993).	☐
	7	Li, Y. et al., "Dilated cardiomyopathy and neonatal lethality in mutant mice lacking manganese superoxide dimutase", Nature Genetics, Vol. 11, No. 4, pp. 376-381, December 1985.	☐
	8	Graham, B.H. et al., "A mouse model for mitochondrial myopathy and cardiomyopathy resulting from a deficiency in the heart/muscle isoform of the adenine nucleotide translocator", Nature Genetics, Vol. 16, No. 3, pp. 226-234, July 1997.	☐
	9	Sligh, J.E. et al., "Maternal germ-line transmission of mutant mtDNAs from embryonic stem cell-derived chimeric mice", Proceedings of the National Academy of Sciences of the United States of America", Vol. 97, No. 26, pp. 14461-11466, December 19, 2000.	☐

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	10	Fan, W. et al., "A mouse model for mitochondrial disease reveals germline selection against severe mtDNA mutations", Science, Vol. 319, No. 5865, pp. 958-962, February 15, 2008.	☐
	11	Inoue, K. et al., "Generation of mice with mitochondrial dysfunction by introducing mouse mtDNA carrying a deletion into zygoes", Nat. Genet., 2000 Oct., Vol. 26, No. 2, pp. 176-181.	☐
	12	Kasahara, A. et al., "Generation of trans-mitochondrial mice carrying homoplasmic mtDNAs with a missense mutation in a structural gene using ES cells", Hum. Mol. Genet., March 15, 2006, Vol. 15, No. 6, pp. 871-881, Epub Jan. 31 2006.	☐
	13	Supplementary European Search Report dated March 6, 2009 in related European Patent Application 05857990.5.	☐
	14	Coskun, P.E. et al., "MtDNA control region mutations in Alzheimer's brain", Program No. 944.23, Abstract Viewer/ Itinerary Planner, Washington D.C.: Society for Neuroscience 2003, Abstract No. 944.23 URL-http://sf, XP001538994, 33rd Annual Meeting of the Society of Neuroscience; New Orleans, LA, USA, November 8-12, 2003.	☐
	15	Del Bo, Roberto et al., "Down's Syndrome Fibroblasts Anticipate the Accumulation of Specific Ageing-Related mtDNA Mutations", Annals of Neurology, Vol. 49, No. 1, pp. 137-138, January 2001, XP002517223 ISSN: 0364-5134.	☐
	16	Coskun, P.E. et al., "Alzheimer's brains harbor somatic mtDNA control-region mutations that suppress mitochondrial transcription and replication", PNAS, July 20, 2004, Vol. 101, No. 29, pp. 10726-10731, XP002517224 ISSN:0027-8424.	☐
	17	Anderson, S. et al., "Sequence and organization of the human mitochondrial genome", Nature, Vol. 290, April 9, 1981, pp. 457-465, XP002052335 ISSN: 0028-0836.	☐

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EXAMINER SIGNATURE

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Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

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OR

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☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Robert D. Buyan/	Date (YYYY-MM-DD)	2012-03-21
Name/Print	Robert D. Buyan	Registration Number	32,460

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